

Amendments to and Listing of the Claims:

Please amend the claims as indicated. This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1 – 42 (Canceled).

43. (Previously presented) An apparatus for cleaning a vessel, the apparatus comprising:

- a) an elongated rigid conduit insertable into the vessel such that the rigid conduit extends therein; and
- b) an elongated flexible conduit insertable through the rigid conduit into the vessel, for conducting pressurized liquid into the vessel to clean the vessel, said elongated flexible conduit sufficiently long to extend beyond an innermost end of said rigid conduit when said elongated flexible conduit is inserted into said vessel.

44. (Previously presented) An apparatus for cleaning a vessel, the apparatus comprising an elongated flexible conduit insertable through a rigid conduit extending into the vessel and having an innermost end terminating therein, said elongated flexible conduit sufficiently long to extend beyond the innermost end of said rigid conduit when said elongated flexible conduit is inserted into said vessel, said elongated flexible conduit conducting pressurized fluid into the vessel to clean the vessel.

45. (Previously presented) The apparatus of claims 43 or 44 further comprising a sealing device for sealing a gap between said flexible conduit and the rigid conduit to prevent fluid from travelling through the gap.

46. (Previously presented) The apparatus of claims 43 or 44 wherein said rigid conduit comprises a rigid shroud extending into the vessel and having a shape complementary to that of the flexible conduit.
47. (Previously presented) The apparatus of claims 43 or 44 wherein said rigid conduit is insertable through an opening defined in a wall of the vessel.
48. (Previously presented) The apparatus of claims 43 or 44 wherein said rigid conduit is insertable through an elongated rigid valve assembly extending through a wall of the vessel.
49. (Previously presented) The apparatus of claim 48 further comprising a sealing device for sealing a gap between said rigid conduit and the valve assembly to prevent fluid from travelling through the gap.
50. (Previously presented) The apparatus of claims 43 or 44 wherein said flexible conduit is capable of conducting the liquid at a pressure of at least 5,000 psi.
51. (Previously presented) The apparatus of claims 43 or 44 wherein said flexible conduit is capable of conducting the liquid at a pressure of at least 10,000 psi.
52. (Previously presented) The apparatus of claims 43 or 44 wherein said flexible conduit is sufficiently long to be inserted through the rigid conduit into a coker vessel.
53. (Previously presented) The apparatus of claim 52 wherein said flexible conduit comprises a nozzle at a tip thereof.
54. (Previously presented) The apparatus of claim 53 wherein said flexible conduit is sufficiently long for said nozzle to be inserted into a snout of the coker vessel.

55. (Previously presented) The apparatus of claim 54 wherein said flexible conduit is sufficiently long for said nozzle to be inserted through the snout into a gas tube of the coker vessel.
56. (Previously presented) The apparatus of claim 55 wherein said flexible conduit is sufficiently long for said nozzle to be inserted through the gas tube into a cyclone region of the coker vessel.
57. (Previously presented) The apparatus of claim 56 wherein said flexible conduit is sufficiently long for said nozzle to be inserted through the cyclone region into a vicinity of a dip leg of the coker vessel.
58. (Previously presented) The apparatus of claims 43 or 44 wherein said elongated flexible conduit comprises coiled tubing.
59. (Previously presented) The apparatus of claim 58 further comprising a reel for storing said coiled tubing in a coil on said reel.
60. (Previously presented) The apparatus of claim 59 wherein said reel comprises a liquid junction connectable to an input end of said coiled tubing and connectable to a liquid supplying device for conducting the pressurized liquid from the liquid supplying device into said coiled tubing.
61. (Previously presented) The apparatus of claim 60 wherein said liquid junction comprises a high pressure fluid swivel connector.
62. (Currently amended) The apparatus of claim 60 ~~further comprising a liquid supplying device, wherein the said~~ liquid supplying device comprises a mechanical pump and a hose connectable to said pump and to said liquid junction.

63. (Previously presented) The apparatus of claim 59 wherein said reel comprises at least one retaining member for retaining said coiled tubing on said reel.
64. (Previously presented) The apparatus of claims 43 or 44 further comprising an insertion device for inserting said flexible conduit through the rigid conduit into the vessel.
65. (Previously presented) The apparatus of claim 64 wherein said insertion device comprises an injector assembly operable to grip said flexible conduit and push said flexible conduit through the rigid conduit.
66. (Previously presented) The apparatus of claim 65 wherein said injector assembly comprises first and second opposing traction belts operable to snugly grip said flexible conduit therebetween.
67. (Previously presented) The apparatus of claim 66 wherein said injector assembly further comprises at least one drive mechanism for rotating said traction belts in opposite respective directions to move said flexible conduit through said injector assembly.
68. (Currently amended) The apparatus of claim 65 ~~any one of claims 53 to 57, 58 to 63 and 64 to 67~~ further comprising a sealing device for sealing a gap between said flexible conduit and the rigid conduit to prevent fluid from travelling through the gap.
69. (Previously presented) The apparatus of claim 49 further comprising a second sealing device for sealing a second gap between said flexible conduit and the rigid conduit to prevent fluid from travelling through the second gap.

70. (Previously presented) An apparatus for cleaning a vessel, the apparatus comprising:

- a. an elongated rigid conduit insertable into the vessel such that the rigid conduit extends therein;
- b. an elongated flexible conduit insertable through the rigid conduit into the vessel, for conducting pressurized liquid into the vessel to clean the vessel, said elongated flexible conduit sufficiently long to extend beyond an innermost end of said rigid conduit when said flexible conduit is inserted into said vessel; and
- c. a sealing device for sealing a gap between the flexible conduit and the rigid conduit to prevent fluid from travelling through the gap.

71. (Previously presented) An apparatus for cleaning a vessel, the apparatus comprising:

- a. an elongated rigid conduit insertable into the vessel such that the rigid conduit extends therein, wherein the rigid conduit is insertable through an elongated rigid valve assembly extending through a wall of the vessel;
- b. a sealing device for sealing a gap between the rigid conduit and the valve assembly to prevent fluid from travelling through the gap; and
- c. an elongated flexible conduit insertable through the rigid conduit into the vessel, for conducting pressurized liquid into the vessel to clean the vessel, said elongated flexible conduit sufficiently long to extend beyond an innermost end of said rigid conduit when said flexible conduit is inserted into said vessel.

72.(Previously presented) An apparatus for cleaning a vessel, the apparatus comprising:

- a. an elongated rigid conduit insertable into the vessel such that the rigid conduit extends therein, wherein the rigid conduit is insertable through an elongated rigid valve assembly extending through a wall of the vessel;
- b. a sealing device for sealing a gap between the rigid conduit and the valve assembly to prevent fluid from travelling through the gap;
- c. an elongated flexible conduit insertable through the rigid conduit into the vessel, for conducting pressurized liquid into the vessel to clean the vessel, said elongated flexible conduit sufficiently long to extend beyond an innermost end of said rigid conduit when said flexible conduit is inserted into said vessel; and
- d. a further sealing device for sealing a gap between the flexible conduit and the rigid conduit to prevent fluid from travelling through the gap.